

Section 4: HPV Matrix Criteria

Source Description

Matrix Criterion 4

Process Details and Applicable Regulations

Wasatch Energy

UNIT A	Total hours of excess emissions	Comments	Total hours of excess emissions		Total hours of excess emissions
Reported Excess Emissions	1024	CMS Downtime	11.0	Emission Limit	100.0
Exempt excess emissions	884	CMS Hours Exempt for QA activities	6	Emission Limit Unit i.e. PPM	ppm
Source Operating hours	8021.6	Pollutant	CO	Emission limitation averaging period	4-Hr Block
				Enter Heat input mmbtu/hr	

Time in Violation	Percent in Excess of Reference Limit	Supplemental Significant Threshold
[HPV Value => 5% of operating time for one period or > 3% of operating time for two consecutive periods (with consideration of magnitude) or >50% of operating time for one period of >25% of operating time for two consecutive periods (without consideration of magnitude)]	Percent in Excess Calculation: Not Opacity [HPV Value => 15% for >5% of the operating period] For Opacity [HPV Value = 20% opacity >5% of the operating period] For Opacity [HPV Value = >20% opacity >10% of the operating period]	SST lb/hr Calculation:
This Quarter	15% Magnitude of violation:	Pollutant SST
Time in violation duration:	115 ppm	CO 23 lb/hr
140 Hours	Magnitude duration percentage:	NOx 9 lb/hr
Operating time:	Enter Hours Exceeding 15% Magnitude of violation:	SO2 9 lb/hr
8016.6 Hours	Duration 0.0%	VOC 9 lb/hr
Time in violation Percentage: 3% & 5% T.H.	>15% threshold is not met for >5% of operating time	Pollutant CO 23
1.7% Hours	Opacity Limit <=20% Hours exceeding 5% magnitude	CO - Maximum allowable emissions
3% duration threshold is not met	Opacity Limit >20% Hours exceeding 10% magnitude	Maximum allowable emissions 0.0 lbs./hr
5% duration threshold is not met	Table Footnotes:	SST Trigger Value:
Time in violation duration: 25% & 50% T.H.	General HPV Criteria and Descriptions	Trigger Value in lb/hr 23.0
1024 Hours		Trigger Value in lb/mmBtu #DIV/0!
Time in violation Percentage: 25% & 50%		CO - Actual emissions
12.8% Hours		#DIV/0!
25% duration threshold is not met		Actual emissions 0.00%
50% duration threshold is not met		SST threshold is not met for >5% of operating time

Section 4: HPV Matrix Criteria

Source Description

Matrix Criterion 5

Process Details and Applicable Regulations

Wasatch Energy

UNIT A	Total hours of excess emissions	Comments	Total hours of excess emissions		Total hours of excess emissions
Reported Excess Emissions	0	CMS Downtime	13.0	Emission Limit	400.0
Exempt excess emissions	0	CMS Hours Exempt for QA activities	6	Emission Limit Unit i.e. PPM	ppm
Source Operating hours	8021.6	Pollutant	NOx	Emission limitation averaging period	24-Hr Block
				Enter Heat input mmbtu/hr	

Time in Violation	Percent in Excess of Reference Limit	Supplemental Significant Threshold
[HPV Value => 5% of operating time for one period or > 3% of operating time for two consecutive periods (with consideration of magnitude) or >50% of operating time for one period of >25% of operating time for two consecutive periods (without consideration of magnitude)]	Percent in Excess Calculation: Not Opacity [HPV Value => 15% for >5% of the operating period] For Opacity [HPV Value = 20% opacity >5% of the operating period] For Opacity [HPV Value = >20% opacity >10% of the operating period]	SST lb/hr Calculation:
This Quarter	15% Magnitude of violation:	Pollutant SST
Time in violation duration:	460 ppm	CO 23 lb/hr
0 Hours	Magnitude duration percentage:	NOx 9 lb/hr
Operating time:	Enter Hours Exceeding 15% Magnitude of violation:	SO2 9 lb/hr
8014.6 Hours	Duration 0.0%	VOC 9 lb/hr
Time in violation Percentage: 3% & 5% T.H.	>15% threshold is not met for >5% of operating time	Pollutant NOx 9
0.0% Hours	Opacity Limit <=20% Hours exceeding 5% magnitude	NOx - Maximum allowable emissions
3% duration threshold is not met	Opacity Limit >20% Hours exceeding 10% magnitude	Maximum allowable emissions 0.0 lbs./hr
5% duration threshold is not met		SST Trigger Value:
Time in violation duration: 25% & 50% T.H.		Trigger Value in lb/hr 9.0
0 Hours		Trigger Value in lb/mmBtu #DIV/0!
Time in violation Percentage: 25% & 50%		NOx - Actual emissions
0.0% Hours		#DIV/0!
25% duration threshold is not met		Actual emissions 0.00%
50% duration threshold is not met		SST threshold is not met for >5% of operating time

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Source Description					
Matrix Criterion 6					
Process Details and Applicable Regulations					
Wasatch Energy					
UNIT A	Total hours of excess emissions	Comments	Total hours of excess emissions		Total hours of excess emissions
Reported Excess Emissions	141.1	CMS Downtime	1.9	Emission Limit	10.0
Exempt excess emissions	34.6	CMS Hours Exempt for QA activities	1.7	Emission Limit Unit i.e. PPM	%
Source Operating hours	8021.6	Pollutant	Opacity	Emission limitation averaging period	6 min
				Enter Heat input mmbtu/hr	

<b>Time in Violation</b> [HPV Value => 5% of operating time for one period or > 3% of operating time for two consecutive periods (with consideration of magnitude) or >50% of operating time for one period of >25% of operating time for two consecutive periods (without consideration of magnitude)] <b>This Quarter</b> <u>Time in violation duration:</u> 106.5 Hours <u>Operating time:</u> 8021.4 Hours Time in violation Percentage: 3% & 5% T.H. 1.3% Hours 3% duration threshold is not met 5% duration threshold is not met Time in violation duration: 25% & 50% T.H. 141.1 Hours Time in violation Percentage: 25% & 50% 1.8% Hours 25% duration threshold is not met 50% duration threshold is not met	<b>Percent in Excess of Reference Limit</b> Percent in Excess Calculation: Not Opacity [HPV Value => 15% for >5% of the operating period] For Opacity [HPV Value = 20% opacity >5% of the operating period] For Opacity [HPV Value = >20% opacity >10% of the operating period]  % Magnitude of opacity violation: 15 %  Magnitude duration percentage: Enter Hours Exceeding % Magnitude of opacity violation: Duration 0.0%  >15% threshold is not met for >5% of operating time  Opacity Limit <=20% Hours exceeding 5% magnitude Opacity Limit >20% Hours exceeding 10% magnitude	<b>Supplemental Significant Threshold</b>  SST lb/hr Calculation: <table border="1"> <tr> <th>Pollutant</th> <th>SST</th> <th></th> </tr> <tr> <td>CO</td> <td>23</td> <td>lb/hr</td> </tr> <tr> <td>NOx</td> <td>9</td> <td>lb/hr</td> </tr> <tr> <td>SO2</td> <td>9</td> <td>lb/hr</td> </tr> <tr> <td>VOC</td> <td>9</td> <td>lb/hr</td> </tr> </table> Pollutant #N/A  - Maximum allowable emissions Maximum allowable emissions 0.0 lbs./hr  SST Trigger Value: Trigger Value in lb/hr #N/A Trigger Value in lb/mmBtu #N/A  - Actual emissions #N/A 0.00% Actual emissions SST threshold is not met for >5% of operating time	Pollutant	SST		CO	23	lb/hr	NOx	9	lb/hr	SO2	9	lb/hr	VOC	9	lb/hr
Pollutant	SST																
CO	23	lb/hr															
NOx	9	lb/hr															
SO2	9	lb/hr															
VOC	9	lb/hr															

Section 4: HPV Matrix Criteria					
Source Description					
Matrix Criterion 7					
Process Details and Applicable Regulations					
Wasatch Energy					
UNIT A	Total hours of excess emissions	Comments	Total hours of excess emissions		Total hours of excess emissions
Reported Excess Emissions	0	CMS Downtime	15.0	Emission Limit	110.0
Exempt excess emissions	0	CMS Hours Exempt for QA activities	6	Emission Limit Unit i.e. PPM	ppm
Source Operating hours	8021.6	Pollutant	SO2	Emission limitation averaging period	24-Hr GMA
				Enter Heat input mmbtu/hr	

<b>Time in Violation</b> [HPV Value => 5% of operating time for one period or > 3% of operating time for two consecutive periods (with consideration of magnitude) or >50% of operating time for one period of >25% of operating time for two consecutive periods (without consideration of magnitude)] <b>This Quarter</b> <u>Time in violation duration:</u> 0 Hours <u>Operating time:</u> 8012.6 Hours Time in violation Percentage: 3% & 5% T.H. 0.0% Hours 3% duration threshold is not met 5% duration threshold is not met Time in violation duration: 25% & 50% T.H. 0 Hours Time in violation Percentage: 25% & 50% 0.0% Hours 25% duration threshold is not met 50% duration threshold is not met	<b>Percent in Excess of Reference Limit</b> Percent in Excess Calculation: Not Opacity [HPV Value => 15% for >5% of the operating period] For Opacity [HPV Value = 20% opacity >5% of the operating period] For Opacity [HPV Value = >20% opacity >10% of the operating period]  15% Magnitude of violation: 126.5 ppm  Magnitude duration percentage: Enter Hours Exceeding 15% Magnitude of violation: Duration 0.0%  >15% threshold is not met for >5% of operating time  Opacity Limit <=20% Hours exceeding 5% magnitude Opacity Limit >20% Hours exceeding 10% magnitude	<b>Supplemental Significant Threshold</b>  SST lb/hr Calculation: <table border="1"> <tr> <th>Pollutant</th> <th>SST</th> <th></th> </tr> <tr> <td>CO</td> <td>23</td> <td>lb/hr</td> </tr> <tr> <td>NOx</td> <td>9</td> <td>lb/hr</td> </tr> <tr> <td>SO2</td> <td>9</td> <td>lb/hr</td> </tr> <tr> <td>VOC</td> <td>9</td> <td>lb/hr</td> </tr> </table> Pollutant SO2 9  SO2 - Maximum allowable emissions Maximum allowable emissions 0.0 lbs./hr  SST Trigger Value: Trigger Value in lb/hr 9.0 Trigger Value in lb/mmBtu #DIV/0!  SO2 - Actual emissions #DIV/0! 0.00% Actual emissions SST threshold is not met for >5% of operating time	Pollutant	SST		CO	23	lb/hr	NOx	9	lb/hr	SO2	9	lb/hr	VOC	9	lb/hr
Pollutant	SST																
CO	23	lb/hr															
NOx	9	lb/hr															
SO2	9	lb/hr															
VOC	9	lb/hr															

Section 4: HPV Matrix Criteria					
Source Description					
Matrix Criterion 8					
Process Details and Applicable Regulations					
Wasatch Energy					
UNIT B	Total hours of excess emissions	Comments	Total hours of excess emissions		Total hours of excess emissions
Reported Excess Emissions	692	CMS Downtime	13.0	Emission Limit	100.0
Exempt excess emissions	564	CMS Hours Exempt for QA activities	12	Emission Limit Unit i.e. PPM	ppm
Source Operating hours	7999.2	Pollutant	CO	Emission limitation averaging period	4-Hr Block
				Enter Heat input mmbtu/hr	

<b>Time in Violation</b> [HPV Value => 5% of operating time for one period or > 3% of operating time for two consecutive periods (with consideration of magnitude) or >50% of operating time for one period of >25% of operating time for two consecutive periods (without consideration of magnitude)] <b>This Quarter</b> <u>Time in violation duration:</u> 128 Hours <u>Operating time:</u> 7998.2 Hours Time in violation Percentage: 3% & 5% T.H. 1.6% Hours 3% duration threshold is not met 5% duration threshold is not met Time in violation duration: 25% & 50% T.H. 692 Hours Time in violation Percentage: 25% & 50% 8.7% Hours 25% duration threshold is not met 50% duration threshold is not met	<b>Percent in Excess of Reference Limit</b> Percent in Excess Calculation: Not Opacity [HPV Value => 15% for >5% of the operating period] For Opacity [HPV Value = 20% opacity >5% of the operating period] For Opacity [HPV Value = >20% opacity >10% of the operating period] 15% Magnitude of violation: 115 ppm Magnitude duration percentage: Enter Hours Exceeding 15% Magnitude of violation: Duration 0.0% >15% threshold is not met for >5% of operating time Opacity Limit <=20% Hours exceeding 5% magnitude Opacity Limit >20% Hours exceeding 10% magnitude	<b>Supplemental Significant Threshold</b> SST lb/hr Calculation: Pollutant SST CO 23 lb/hr NOx 9 lb/hr SO2 9 lb/hr VOC 9 lb/hr Pollutant CO 23 CO - Maximum allowable emissions Maximum allowable emissions 0.0 lbs./hr SST Trigger Value: Trigger Value in lb/hr 23.0 Trigger Value in lb/mmBtu #DIV/0! CO - Actual emissions #DIV/0! 0.00% Actual emissions 0.00% SST threshold is not met for >5% of operating time
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Section 4: HPV Matrix Criteria					
Source Description					
Matrix Criterion 9					
Process Details and Applicable Regulations					
Wasatch Energy					
UNIT B	Total hours of excess emissions	Comments	Total hours of excess emissions		Total hours of excess emissions
Reported Excess Emissions	0	CMS Downtime	15.0	Emission Limit	400.0
Exempt excess emissions	0	CMS Hours Exempt for QA activities	12	Emission Limit Unit i.e. PPM	ppm
Source Operating hours	7999.2	Pollutant	NOx	Emission limitation averaging period	24-Hr Block
				Enter Heat input mmbtu/hr	

<b>Time in Violation</b> [HPV Value => 5% of operating time for one period or > 3% of operating time for two consecutive periods (with consideration of magnitude) or >50% of operating time for one period of >25% of operating time for two consecutive periods (without consideration of magnitude)] <b>This Quarter</b> <u>Time in violation duration:</u> 0 Hours <u>Operating time:</u> 7996.2 Hours Time in violation Percentage: 3% & 5% T.H. 0.0% Hours 3% duration threshold is not met 5% duration threshold is not met Time in violation duration: 25% & 50% T.H. 0 Hours Time in violation Percentage: 25% & 50% 0.0% Hours 25% duration threshold is not met 50% duration threshold is not met	<b>Percent in Excess of Reference Limit</b> Percent in Excess Calculation: Not Opacity [HPV Value => 15% for >5% of the operating period] For Opacity [HPV Value = 20% opacity >5% of the operating period] For Opacity [HPV Value = >20% opacity >10% of the operating period] 15% Magnitude of violation: 460 ppm Magnitude duration percentage: Enter Hours Exceeding 15% Magnitude of violation: Duration 0.0% >15% threshold is not met for >5% of operating time Opacity Limit <=20% Hours exceeding 5% magnitude Opacity Limit >20% Hours exceeding 10% magnitude	<b>Supplemental Significant Threshold</b> SST lb/hr Calculation: Pollutant SST CO 23 lb/hr NOx 9 lb/hr SO2 9 lb/hr VOC 9 lb/hr Pollutant NOx 9 NOx - Maximum allowable emissions Maximum allowable emissions 0.0 lbs./hr SST Trigger Value: Trigger Value in lb/hr 9.0 Trigger Value in lb/mmBtu #DIV/0! NOx - Actual emissions #DIV/0! 0.00% Actual emissions 0.00% SST threshold is not met for >5% of operating time
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Section 4: HPV Matrix Criteria					
Source Description					
Matrix Criterion 10					
Process Details and Applicable Regulations					
Wasatch Energy					
UNIT B	Total hours of excess emissions	Comments	Total hours of excess emissions		Total hours of excess emissions
Reported Excess Emissions	116.4	CMS Downtime	9.6	Emission Limit	10.0
Exempt excess emissions	57.6	CMS Hours Exempt for QA activities	3.3	Emission Limit Unit i.e. PPM	%
Source Operating hours	7999.2	Pollutant	Opacity	Emission limitation averaging period	6 min
				Enter Heat input mmbtu/hr	

<b>Time in Violation</b> [HPV Value => 5% of operating time for one period or > 3% of operating time for two consecutive periods (with consideration of magnitude) or >50% of operating time for one period of >25% of operating time for two consecutive periods (without consideration of magnitude)] <b>This Quarter</b> <u>Time in violation duration:</u> 58.8 Hours <u>Operating time:</u> 7992.9 Hours Time in violation Percentage: 3% & 5% T.H. 0.7% Hours 3% duration threshold is not met 5% duration threshold is not met Time in violation duration: 25% & 50% T.H. 116.4 Hours Time in violation Percentage: 25% & 50% 1.5% Hours 25% duration threshold is not met 50% duration threshold is not met	<b>Percent in Excess of Reference Limit</b> Percent in Excess Calculation: Not Opacity [HPV Value => 15% for >5% of the operating period] For Opacity [HPV Value = 20% opacity >5% of the operating period] For Opacity [HPV Value = >20% opacity >10% of the operating period]  % Magnitude of opacity violation: 15 % Magnitude duration percentage: Enter Hours Exceeding % Magnitude of opacity violation: Duration 0.0% >15% threshold is not met for >5% of operating time Opacity Limit <=20% Hours exceeding 5% magnitude Opacity Limit >20% Hours exceeding 10% magnitude	<b>Supplemental Significant Threshold</b> SST lb/hr Calculation: <table border="1"> <tr> <th>Pollutant</th> <th>SST</th> <th></th> </tr> <tr> <td>CO</td> <td>23</td> <td>lb/hr</td> </tr> <tr> <td>NOx</td> <td>9</td> <td>lb/hr</td> </tr> <tr> <td>SO2</td> <td>9</td> <td>lb/hr</td> </tr> <tr> <td>VOC</td> <td>9</td> <td>lb/hr</td> </tr> </table> Pollutant #N/A - Maximum allowable emissions Maximum allowable emissions 0.0 lbs./hr SST Trigger Value: Trigger Value in lb/hr #N/A Trigger Value in lb/mmBtu #N/A - Actual emissions #N/A 0.00% Actual emissions SST threshold is not met for >5% of operating time	Pollutant	SST		CO	23	lb/hr	NOx	9	lb/hr	SO2	9	lb/hr	VOC	9	lb/hr
Pollutant	SST																
CO	23	lb/hr															
NOx	9	lb/hr															
SO2	9	lb/hr															
VOC	9	lb/hr															

Section 4: HPV Matrix Criteria					
Source Description					
Matrix Criterion 11					
Process Details and Applicable Regulations					
Wasatch Energy					
UNIT B	Total hours of excess emissions	Comments	Total hours of excess emissions		Total hours of excess emissions
Reported Excess Emissions	0	CMS Downtime	14.0	Emission Limit	110.0
Exempt excess emissions	0	CMS Hours Exempt for QA activities	12	Emission Limit Unit i.e. PPM	ppm
Source Operating hours	7999.2	Pollutant	SO2	Emission limitation averaging period	24-Hr GMA
				Enter Heat input mmbtu/hr	

<b>Time in Violation</b> [HPV Value => 5% of operating time for one period or > 3% of operating time for two consecutive periods (with consideration of magnitude) or >50% of operating time for one period of >25% of operating time for two consecutive periods (without consideration of magnitude)] <b>This Quarter</b> <u>Time in violation duration:</u> 0 Hours <u>Operating time:</u> 7997.2 Hours Time in violation Percentage: 3% & 5% T.H. 0.0% Hours 3% duration threshold is not met 5% duration threshold is not met Time in violation duration: 25% & 50% T.H. 0 Hours Time in violation Percentage: 25% & 50% 0.0% Hours 25% duration threshold is not met 50% duration threshold is not met	<b>Percent in Excess of Reference Limit</b> Percent in Excess Calculation: Not Opacity [HPV Value => 15% for >5% of the operating period] For Opacity [HPV Value = 20% opacity >5% of the operating period] For Opacity [HPV Value = >20% opacity >10% of the operating period]  15% Magnitude of violation: 126.5 ppm Magnitude duration percentage: Enter Hours Exceeding 15% Magnitude of violation: Duration 0.0% >15% threshold is not met for >5% of operating time Opacity Limit <=20% Hours exceeding 5% magnitude Opacity Limit >20% Hours exceeding 10% magnitude	<b>Supplemental Significant Threshold</b> SST lb/hr Calculation: <table border="1"> <tr> <th>Pollutant</th> <th>SST</th> <th></th> </tr> <tr> <td>CO</td> <td>23</td> <td>lb/hr</td> </tr> <tr> <td>NOx</td> <td>9</td> <td>lb/hr</td> </tr> <tr> <td>SO2</td> <td>9</td> <td>lb/hr</td> </tr> <tr> <td>VOC</td> <td>9</td> <td>lb/hr</td> </tr> </table> Pollutant SO2 9 SO2 - Maximum allowable emissions Maximum allowable emissions 0.0 lbs./hr SST Trigger Value: Trigger Value in lb/hr 9.0 Trigger Value in lb/mmBtu #DIV/0! SO2 - Actual emissions #DIV/0! 0.00% Actual emissions SST threshold is not met for >5% of operating time	Pollutant	SST		CO	23	lb/hr	NOx	9	lb/hr	SO2	9	lb/hr	VOC	9	lb/hr
Pollutant	SST																
CO	23	lb/hr															
NOx	9	lb/hr															
SO2	9	lb/hr															
VOC	9	lb/hr															